

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/GB2004/004682

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/718 A61P3/08 A61K47/36 A61K9/20 A23L1/0522

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ, EMBASE, SCISEARCH, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 605 893 A (KAUFMAN ET AL) 25 February 1997 (1997-02-25) the whole document	1-3, 11, 14, 18, 19, 22, 25, 31-33
X	WO 02/34271 A (METCON MEDICIN AB; HANSSON, HENRI; HANSSON, KERSTIN; LAKE, MATS) 2 May 2002 (2002-05-02) the whole document	1-4, 6-8, 11, 14, 18, 19, 22, 25, 31-33
X	GB 1 306 384 A (NAT STARCH AND CHEM CORP) 7 February 1973 (1973-02-07) the whole document	31, 33
-/-		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

25 February 2005

Date of mailing of the international search report

04/03/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Venturini, F

INTERNATIONAL SEARCH REPORT

Int_l Application No
PC1/GB2004/004682

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/054501 A1 (SCHMIEDEL DR. DETLEF ET AL) 20 March 2003 (2003-03-20) page 2, left-hand column, line 5 - page 3, left-hand column, line 8	31, 33
X	US 5 576 048 A (HAUBER ET AL) 19 November 1996 (1996-11-19) claims; examples	31, 33
A	US 2003/045504 A1 (BROWN IAN L ET AL) 6 March 2003 (2003-03-06) the whole document	1-33
A	REISER, S.: "Simple and complex carbohydrates" 1990, LIVINGSTON, G. E. , USA , XP001205410 the whole document	1-33
X	BEHALL K M ET AL: "EFFECT OF STARCH STRUCTURE ON GLUCOSE AND INSULIN RESPONSES IN ADULTS" AMERICAN JOURNAL OF CLINICAL NUTRITION, BETHESDA, MD, US, vol. 47, January 1988 (1988-01), pages 428-432, XP000108128 ISSN: 0002-9165 the whole document	31, 33
A		1-30, 32

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC 1/GB2004/004682

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5605893	A	25-02-1997	AT 216564 T 15-05-2002
		AU 718692 B2 20-04-2000	
		AU 3372895 A 23-10-1996	
		BR 9507944 A 02-09-1997	
		CA 2191714 A1 10-10-1996	
		CN 1152254 A 18-06-1997	
		DE 69526501 D1 29-05-2002	
		EP 0765126 A1 02-04-1997	
		FI 964884 A 06-02-1997	
		IL 115470 A 01-06-2000	
		JP 11500625 T 19-01-1999	
		JP 3589673 B2 17-11-2004	
		NZ 292038 A 24-09-1998	
		WO 9631129 A1 10-10-1996	
		US 6339076 B1 15-01-2002	
		US 5843921 A 01-12-1998	
		ZA 9507800 A 06-05-1996	
		AU 690654 B2 30-04-1998	
		AU 1993395 A 03-10-1995	
		BR 9507066 A 30-09-1997	
		CA 2185425 A1 21-09-1995	
		DE 69527137 D1 25-07-2002	
		EP 0750504 A1 02-01-1997	
		JP 9512792 T 22-12-1997	
		WO 9524906 A1 21-09-1995	
		ZA 9502124 A 11-12-1995	
WO 0234271	A	02-05-2002	AU 9619601 A 06-05-2002
			CA 2422900 A1 02-05-2002
			EP 1328280 A1 23-07-2003
			JP 2004512306 T 22-04-2004
			WO 0234271 A1 02-05-2002
			US 2002094971 A1 18-07-2002
			US 2003004135 A1 02-01-2003
			US 2004198699 A1 07-10-2004
GB 1306384	A	07-02-1973	NONE
US 2003054501	A1	20-03-2003	DE 19911001 A1 21-09-2000
			AU 766960 B2 30-10-2003
			AU 3428600 A 04-10-2000
			CA 2365462 A1 21-09-2000
			WO 0055209 A1 21-09-2000
			EP 1161457 A1 12-12-2001
US 5576048	A	19-11-1996	AU 706849 B2 24-06-1999
			AU 2905395 A 15-01-1996
			CA 2190761 A1 28-12-1995
			CN 1156951 A 13-08-1997
			EP 0802720 A1 29-10-1997
			JP 10507622 T 28-07-1998
			WO 9535026 A1 28-12-1995
US 2003045504	A1	06-03-2003	WO 0176394 A1 18-10-2001
			AU 4624701 A 23-10-2001
			BR 0109960 A 11-02-2003
			CA 2405012 A1 18-10-2001
			CN 1433275 T 30-07-2003

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB2004/004682

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003045504 A1		EP 1267642 A1	02-01-2003
		JP 2003529616 T	07-10-2003
		NO 20024722 A	29-11-2002
		NZ 521416 A	26-11-2004
		US 2004058890 A1	25-03-2004
		ZA 200207891 A	26-01-2004